

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (currently amended) A computer readable medium integrated into a removable cartridge for an image forming device, the computer readable medium being programmed with and comprising:

10 a plurality of image enhancement data sets including at least one image enhancement data set selected from a group of image enhancement data sets comprising an edge smoothing image enhancement data set, a halftone image enhancement data set, and an imaging material conserving image enhancement data set; and

15 data set selection criteria for use in selecting from among the plurality of image enhancement data sets,

wherein at least one image enhancement data set defines at least one condition selected from a group of conditions comprising a first condition associated with the edge smoothing image enhancement data set for use when printing text or line art, a second condition associated with the halftone image enhancement data set for use when printing a halftone image, and a third condition associated with the imaging material conserving image enhancement data set for use when printing a solid area of an image

~~includes one or more of the following:~~

~~data identifying two or more image enhancement techniques,~~

25 ~~one or more parameters for implementing the two or more image enhancement techniques, and~~

~~selection criteria for selecting from among the two or more image enhancement techniques.~~

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2-3. (canceled)

4. (currently amended) The computer readable medium of Claim 1 [3], wherein the removable cartridge includes a printing component, and the

medium is formatted to store a state variable reflecting a state of the printing component and wherein the data set selection criteria represents electronic data that can be processed with the state variable to select from among the image enhancement data sets.

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5. (canceled)

6. (currently amended) A removable cartridge for an image forming device, comprising:

10 a printing component that can be utilized by the image forming device to assist in producing a printed image; and

a memory programmed with:

15 a plurality of image enhancement data sets including at least one image enhancement data set selected from a group of image enhancement data sets comprising an edge smoothing image enhancement data set, a halftone image enhancement data set, and an imaging material conserving image enhancement data set, and

data set selection criteria for use in selecting from among the plurality of image enhancement data sets,

20 wherein at least one image enhancement data set defines at least one condition selected from a group of conditions comprising a first condition associated with the edge smoothing image enhancement data set for use when printing text or line art, a second condition associated with the halftone image enhancement data set for use when printing a halftone image, and a third condition associated with the imaging material conserving image enhancement data set for use when printing a solid area of an image

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~~includes one or more of the following:~~

~~data identifying two or more image enhancement techniques,~~

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~~one or more parameters for implementing the two or more image enhancement techniques, and~~

~~selection criteria for selecting from among the two or more image enhancement techniques.~~

7. (original) The removable cartridge of Claim 6, further comprising a reservoir for holding imaging material, and wherein the printing component can be utilized by the image forming device to assist in producing a printed image using imaging material from the reservoir.

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8. (original) The removable cartridge of Claim 7, wherein the memory is formatted to store a state variable reflecting a state of the printing component, and wherein the data set selection criteria represents electronic data that can be processed with the state variable to select from among the image enhancement data sets.

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9. (original) The removable cartridge of Claim 7, wherein the data set selection criteria comprises a look-up table containing a plurality of entries, each entry having data representing a state condition and data identifying an image enhancement data set.

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10-22 (canceled)

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